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## Patent Abstracts of Japan

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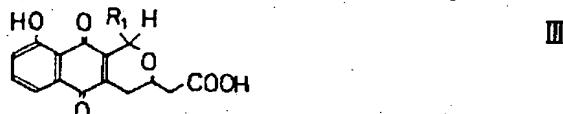
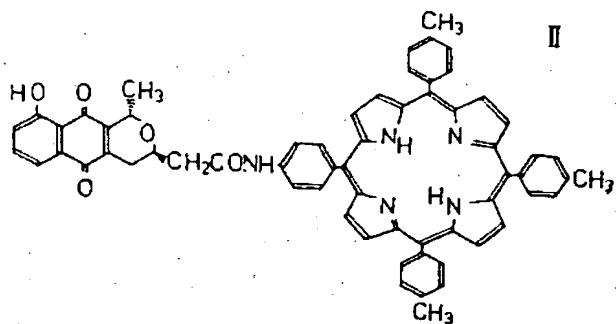
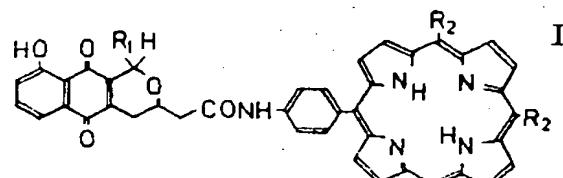
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INVENTOR : HIKITA ATSUSHI;

INT.CL. : C07D487/22 A61K 31/40 A61K 31/40  
 A61K 49/00 G01N 21/76 G01N 21/78

TITLE : PORPHYRIN COMPOUND, ITS  
 PRODUCTION AND FLUORESCENT  
 COLOR-DEVELOPING AGENT  
 CONTAINING SAID COMPOUND



ABSTRACT : NEW MATERIAL: The porphyrin compound of formula I (R<sub>1</sub> is alkyl; R<sub>2</sub> is aryl) containing pyranonaphthoquinones in the molecule.

EXAMPLE: The compound of formula II.

USE: Useful as a diagnostic and remedy for various bacterial diseases and tumors and also as a fluorescent color-developing agent taking advantage of fluorescent color-developing activity of the porphyrin skeleton.

PREPARATION: The compound of formula I can be produced by reacting a compound of formula III, 5-(4-aminophenyl)-10,15,20-triaryl-porphyrin and a condensation agent (preferably dicyclohexyl-carbodiimide) in an aprotic organic solvent preferably under ice cooling or at room temperature.